1. **What are the pillars of Wi-Fi security?**

The three key pillars of Wi-Fi security are **Authentication, Confidentiality**, and **Integrity** - each play a vital role in protecting the security of data transmitted over a wireless network.

**1. Authentication:**

* Verifies the identity of users or devices trying to connect to the Wi-Fi network.
* Ensures only authorized users or devices can access the network.
* Prevents unauthorized access to protect sensitive information.

**2. Confidentiality:**

* Ensures that the data transmitted over the network is kept private.
* Protects the data from being intercepted and accessed by unauthorized parties.
* Maintains privacy of sensitive information during transmission.

**3. Integrity:**

* Ensures that the data sent over the network remains unchanged and unaltered.
* Prevents attackers from tampering with the data during transmission.
* Ensures the accuracy and trustworthiness of the data being communicated.